11) Publication number:

0 140 302

A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 84112625.3

(51) Int. Cl.3: G 06 F 15/40

22 Date of filing: 19.10.84

(30) Priority: 28.10.83 US 546751

(43) Date of publication of application: 08.05.85 Bulletin 85/19

(88) Date of deferred publication of search report: 25.01.89

(84) Designated Contracting States: DE FR GB IT Applicant: International Business Machines Corporation Old Orchard Road
 Armonk, N.Y. 10504(US)

(72) Inventor: Ghosh, Sakti Pada 1381 Echo Valley Drive San Jose California 95120(US)

(72) Inventor: Mattson, Richard Lewis 6838 Rockview Court San Jose California 95120(US)

(72) Inventor: Peled, Abraham 13 Withington Road Scarsdale New York 10583(US)

(4) Representative: Appleton, John Edward IBM United Kingdom Limited Intellectual Property Department Hursley Park Winchester Hampshire SO21 2JN(GB)

Method for accessing data using a self-service point-of-sale terminal.

(a) A use of relational database management at a host CPU intereacting with selection requests from remote POS terminal includes (1) dynamic database generation of textual screens from the CPU relational data manager together with information for accessing a video picture source local to the POS terminal for generating selected picture screens, and (2) the textural searching of a virtual menu tree (part of a text screen) whose starting node is dependent upon the user's choice of picture or text information. The changed content of the text and picture screens is solely a function of the relationally accessed data designated by the user's menu selection.



EUROPEAN SEARCH REPORT

Application Number

EP 84 11 2625

ategory	Citation of document with ind of relevant pass		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
),A	IEEE SPECTRUM, Septer 46-54, IEEE, New Yor al.: "The wonderful * Page 47, right-hand page 48, right-hand"	mber 1982, pages k, US; F. GUTERL et world of EPCOT" d column, line 7 -	1,6	G 06 F 15/40
A	COMPUTERS AND BIOMED 12, no. 5, 1979, pag Academic Press Inc., al.: "An intelligent access to a medical * Page 472, lines 10 474, lines 1-14 *	es 471-481, GB; M.E. WOMBLE et terminal for data base"	1,6	
			- 78	
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)
				G 06 F
				•
	The present search report has b	een drawn up for all claims	 .	
	Place of search	Date of completion of the search	1	Examiner
	HE HAGUE CATEGORY OF CITED DOCUME	05-10-1988 NTS T: theory or pr	Winciple underlying	LTINK J.G.
Y : p	cartedors or cites bocoing particularly relevant if combined with an locument of the same category echnological background	E : earlier pater after the fili other D : document ci L : document ci	it document, but p	ublished on, or ion ns

11) Publication number:

0 140 302

A3

12

EUROPEAN PATENT APPLICATION

(21) Application number: 84112625.3

(51) Int. Cl.3: G 06 F 15/40

22 Date of filing: 19.10.84

30 Priority: 28.10.83 US 546751

(43) Date of publication of application: 08.05.85 Bulletin 85/19

89 Date of deferred publication of search report: 25.01.89

(84) Designated Contracting States: DE FR GB IT (7) Applicant: International Business Machines Corporation Old Orchard Road Armonk, N.Y. 10504(US)

72 Inventor: Ghosh, Sakti Pada 1381 Echo Valley Drive San Jose California 95120(US)

(7) Inventor: Mattson, Richard Lewis 6838 Rockview Court San Jose California 95120(US)

(72) Inventor: Peled, Abraham 13 Withington Road Scaradale New York 10583(US)

Representative: Appleton, John Edward
 IBM United Kingdom Limited Intellectual Property
 Department Hursley Park
 Winchester Hampshire SO21 2JN(GB)

64) Method for accessing data using a self-service point-of-sale terminal.

(57) A use of relational database management at a host CPU intereacting with selection requests from remote POS terminal includes (1) dynamic database generation of textual screens from the CPU relational data manager together with information for accessing a video picture source local to the POS terminal for generating selected picture screens, and (2) the textural searching of a virtual menu tree (part of a text screen) whose starting node is dependent upon the user's choice of picture or text information. The changed content of the text and picture screens is solely a function of the relationally accessed data designated by the user's menu selection.



EUROPEAN SEARCH REPORT

Application Number

EP 84 11 2625

]	DOCUMENTS CONSID	ERED TO BE	RELEVAN'	r		
ategory	Citation of document with indic of relevant passa		iate,	Relevant to claim	CLASSIFICATION OF TAPPLICATION (Int. CL.4	
D,A	IEEE SPECTRUM, Septem 46-54, IEEE, New York al.: "The wonderful w * Page 47, right-hand page 48, right-hand c	k, US; F. GUT vorld of EPCO Loolumn, lin	ERL et T" e 7 -	1,6	G 06 F 15/40	
A	COMPUTERS AND BIOMEDI 12, no. 5, 1979, page Academic Press Inc., al.: "An intelligent access to a medical of * Page 472, lines 10- 474, lines 1-14 *	es 471-481, GB; M.E. WON terminal for data base"	IBLE et	1,6		
			•		TECHNICAL FIELDS SEARCHED (Int. Cl.4)	
			•		G 06 F	
		•	·			
	The present search report has be	een drawn up for all o	daims .	–	·	
Piace of search THE HAGUE		Date of completion of the search 05-10-1988			Examiner WILTINK J.G.	
Y:	CATEGORY OF CITED DOCUMES particularly relevant if taken alone particularly relevant if combined with and document of the same category technological background		T: theory or print E: earlier patent after the filin D: document cit L: document cit	document, but g date ed in the applica	published on, or ation	
0:	technological background non-written disclosure intermediate document		& : member of the	e same patent f	amily, corresponding	••••••